

ZHDANOV, D. A.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb. - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Zhdanov, D. A.	"General Anatomy and Physiology of Lymphatic Systems"	Surgical Society of Pigorov

80: W-30604, 7 July 1954

ZHDANOV, D.A., professor; SHCHELKUNOV, S.I., professor.

Resolution of the plenary session of the Administration of the All-Union Scientific Society of Anatomists, Histologists and Embriologists of June 23-27, 1953, pertaining to problems of Soviet morphology. *Arkh.anat.gist.i embr.* 31 no.1:90-91 Ja-Mr '54. (MIRA 7:4)

1. Predsedatel' Pravleniya Vsesoyuznogo nauchnogo obshchestva anatomov, histologov i embriologov (for Zhdanov). 2. Otvetstvennyy sekretar' Pravleniya Vsesoyuznogo nauchnogo obshchestva anatomov, histologov i embriologov (for Shchelkunov).

(Morphology)

ZHDANOV, D.A., professor; SHCHELKUNOV, S.I., professor.

Resolution of the plenary session of the Administration of the All-Union Scientific Society of Anatomists, Histologists and Embriologists of June 23-27, 1953, pertaining to reports on new methods and techniques of morphological research, *Arkh.anat.gist.i embr.*, 31 no.1: 91-93 Ja-Mr '54. (MLRA 7:4)

1. Predsedatel' Pravleniya Vsesoyuznogo nauchnogo obshchestva anatmov, gistolologov i embriologov (for Zhdanov). 2. Otvetstvennyy sekretar' Pravleniya Vsesoyuznogo nauchnogo obshchestva anatmov, gistolologov i embriologov (for Shchelkunov).

(Morphology)

ZHDANOV, D.A.

Answer to critics. Arkh. anat. gist. i embr. 31 no.2:75-85
(MLRA 7:8)
Ap-Je '54.

1. Chlen-korrespondent AMM SSSR.
(LYMPHATIC SYSTEM,
*anat. & physiol.)

ZHDANOV, D.A.

Significance of V.P.Vorob'ev's works in the development of Soviet
anatomy. Arkh.anat.gist. i embr. 31no.3:69-75 J1-S '54. (MLRA 7:12)

1. Iz kafedry anatomii (zav. chlen-korrespondent AMN SSSR prof.
D.A.Zhdanov) Leningradskogo sanitarno-gigiyenicheskogo meditsinsko-
go instituta.

(ANATOMY, history,
in Russia, contribution of V.P.Vorob'ev)
(BIOGRAPHIES,
Vorob'ev, Vladimir P.)

ZHDANOV, D.A., professor.

New data on the anatomy of the gastric and duodenal lymphatic system in man. Vest.khir.74 no.2:19-28 Mr '54. (MLRA 7:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
2. Iz kafedry anatomi (soveduyushchiy - professor D.A.Zhdanov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta. (Duodenum) (Stomach) (Lymphatics)

Evaluation K-2816, 8 Sy 54

ZHDANOV, D.A.

New data on the anatomy of the lymphatic system within the internal organs. Arkh. anat. i embr. 32 no.3:28-34 Jl-S '55.

(MIRA 9:5)

1. Iz kafedry normal'noy anatomi (zav.-prof. D.A. Zhdanov)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(LYMPHATIC SYSTEM, anatomy and histology.
intra-organic system of internal organs)

DOLGO-SABUROV, B.A.; ZHDANOV, D.A.

The Sixth International Congress of Anatomists. Arkh. anat. gist.
i embr. 32 no.4:96-101 O-D '55. (MLRA 9:5)

(ANATOMY--CONGRESSES)

DOLGO-SOBUROV, B.A., professor, redaktor; GORBIL'SKIY, N.L., redaktor;
GRIGOR'Yeva, T.A., redaktor; YELISEYEV, V.G., redaktor; ZEDANOV,
D.A., redaktor; KNOPPE, A.G., redaktor; KUPRIYANOV, V.V., redaktor;
NIKHEYLOV, V.P., redaktor; PRIVESA, M.G., redaktor; STUDITSKIY, A.N.,
redaktor; SHCHELMUNOVA, S.I., redaktor; KHARASH, G.A., tekhniches-
kiy redaktor

[Problems in the morphology of the nervous system] Problemy morfologii
nervnoi sistemy [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe
otd-nie, 1956. 179 p. (MIRA 10:2)

1, Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for
Dolgo-Soburov)
(NERVOUS SYSTEM)

BASHENIN, V.A., red.; ZHDANOV, D.A., prof., red.; ANDREELOVA-GALANINA, Ye.TS., prof., red.; ANICHKOV, S.V., prof., red.; BABAYANTS, R.A., prof., red.; KLIONSKIY, Ye.Ye., prof., red.; SMIRNOV, A.V., prof., zasluzhennyy doyatel' nauki, red.; TIKHOMIROV, P.Ye., prof., red.; UDINTSEV, G.N., prof., red.; TSINSERLING, V.D., prof., red.; SHCHELKUNOV, S.I., prof., red.; GESSEN, A.I., dots., red.

[Instructions on conducting laboratory and field work for a course in epidemiology] Metodicheskie ukazaniia k prakticheskim zaniatiiam studentov po kursu epidemiologii. Moskva, Gos. Izd-vo med. lit-ry, 1956. 189 p. (Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy, vol.38). (MIRA 11:4)

1. Zaveduyushchiy kafedroy epidemiologii Leningradskogo sanitarno-gigienicheskogo meditsinskogo instituta (for Bashenin).
2. Chlen-korrespondent AMN SSSR (for Zhdanov, Babayants, Tsinslerling, Shchelkunov).
3. Deystvitel'nyy chlen AMN SSSR (for Anichkov).
4. Chlen-korrespondent AMN SSSR i AN KarSSR (for Udintsev). (EPIDEMIOLOGY--STUDY AND TEACHING) (MIRA 11:4)

ZHDANOV, Dimitriy Arkad'yevich, red.

[Problems in the functional morphology of the motor apparatus;
materials of the plenary session of the All-Union Society of
Anatomists, Histologists, and Embryologists, June 22-26, 1954]
Problemy funktsional'noi morfologii dvigatel'nogo apparata;
materialy plenuma pravleniya Vsesoiuznogo nauchnogo obshchestva
anatomov, gistolologov i embriologov 22-26 iunia 1954 g., Leni-
grad. Leningrad, Medgiz, 1956. 196 p. (MIRA 13:8)
(MOVEMENT (PHYSIOLOGY))

ZHDANOV, D.A.; MOROZOV, G.M.; KUPRIYANOV, P.A.; MEL'NIKOV, A.V.;
SHIRNOV, A.V.; NAPALKOV, P.N.

Arkadii IULianovich Sozon-IAroshevich; obituary. Vest.khir. 77
no.5:132-133 My '56. (MIRA 9:8)
(SOZON-IAROSHEVICH, ARKADII IULIANOVICH, 1894-1955)

ZHDANOV, D.A.

V.M.Bekhterev's legacy and modern problems in brain anatomy. Arkh.
anat. i embr. 34 no.3:3-12 My-Je '57. (MLR 10:10)

1. Adres avtora: Moskva, Mokhovaya, 11, kafedra anatomi II Moskovskogo
ordena Lenina meditsinskogo instituta.

(NEUROPHYSIOLOGY

contribution of V.M.Bekhterev (Rus))

(BRA III, anat. & histol.

same)

ZHDANOV, D.A. (Moskva, D-47, 5-ya Tverskaya Yamskaya, d.5, stroyeniye 2,
kv. 12)

Forty years of Soviet anatomy and its current tasks. Arkh.anat.
gist. i embr. 34 no.6:3-16 N-D '57. (MIRA 11:3)
(ANATOMY
in Russia)

ZHDANOV, D. A., red.

Nomina anatomica [International anatomical nomenclature; adopted by the Sixth International Anatomical Congres in Paris, July 30, 1955, and approved by the executive board of the All-Union Society of Anatomists, Histologists, and Embryologists in Kharkov, June 18, 1956] Meshdunarodnaya anatomicheskaya nomenklatura; utverzhennaya VI Meshdunarodnym federativnym kongressom anatomoov v Parizhe 30 iulija 1955 g. i odobrennaya pravleniem Vsesoiuznogo nauchnogo obshchestva anatomoov, gistolologov i embriologov v Khar'kove 18 iunija 1956 g.. Moskva, Medgiz, 1958. 75 p. (MIRA 12:4) (ANATOMY--TERMINOLOGY)

VOROB'IEV, Vladimir Petrovich, 1876-1937; ZHDANOV, D.A., red.; SINEL'NIKOV,
R.D., red.

[Selected works] Izbrannye trudy. Leningrad, Medgiz, 1958. 344 p.
(SELECTED WORKS) (NIRA 12:2)

EXCERPTA MEDICA SEC 5 Vol 12/6 Gen. Path. June 59

1433. FUNCTIONAL ANATOMY OF THE VISCERAL LYMPHATICS - L'anatomie fonctionnelle des lymphatiques des viscères à l'état normal et pathologique -
Jdanov D.-A. Chaire d'Anat. Norm., I. Inst. de Méd., Moscou - ANN.
ANAT. PATH. 1958, 3/2 (251-267) Illus. 17

This work is a survey of studies carried out by the author at the School of Anatomy of Moscow in the past few years. It is impossible to give a complete summary. The author and his collaborators, while studying the lymphatic system of a large number of organs (tongue, oesophagus, stomach, small intestine, colon, liver, pancreas, larynx, trachea, lungs, heart, kidneys, uterus, thyroid gland, etc.) in the normal and the pathological state (also experimentally provoked), demonstrated that there exists a rather close relationship between the morphofunctional condition of the organs and the behaviour of the lymph vessels so far as their morphology, topography and distribution are concerned. These investigations open up new vistas in the study of the function of the different organs and at the same time make it possible to obtain a better insight into the pathogenesis of the various diseases.

ZHDANOV, D.A. (Moskva, D-47, 5-ya Tverskaya, d.5, Stroyeniye 2, kv.12).

Significance of macro-microscopic investigations in the development of the functional and pathological morphology of the lymphatic system of the visceral organs. *Arkh.anat., glist. i embr.* 35 no.5:3-18 8-0 '58
(MIRA 11:12)

1. Kafedra anatomii (zav. - chlen-korrespondent AMN SSSR prof. D.A. Zhdanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(LYMPHATIC SYSTEM, anat. & histol.
visceral, review (Rus))

ZHDANOV, D.A. (Moskva D-47, 5-aya Tverskaya Yamskaya, d. 5, stroyeniye 2,
kv. 12)

Use of microroentgenography for the investigation of intraorganic
lymphatic vessels and capillaries. Arkh.anat.gist. 1 embr. 35
no.6:108-109 N-D '58. (MIRA 12:1)

1. Iz kafedry anatomi cheloveka I Moskovskogo ordena Lenina me-
ditsinskogo instituta imeni I.M. Sechenova (zav. kafedroy - chl.-
korr. AMN SSSR prof. D.A. Zhdanov).

(ANGIOGRAPHY, intraorgan microangiography (Rus))

(LYMPHATIC VESSELS, radiography, intraorgan microroentgenography (Rus))

ZHDANOV, D.A. (Moskva, D-47, 5 Tverskaya-Yamskaya, d. 5, str. 2, kv. 12)

Activities of the All-Union Society of Anatomists, Histologists and Embryologists in the period 1949-1958. Arkh.snat.gist. i embr. 35 no.6:127-136 N-D '58. (MIRA 12:1)

1. Predsedatel' pravleniya Vsesoyuznogo nauchnogo obshchestva anatomov, gistolologov i embriologov.
(ANATOMICAL SOCIETIES)

ZHDANOV D. A.

AGOREYEV, P.K., prof.; ANDREYeva-GALANINA, Ye.Ts., prof.; BASHENIN, V.A., prof.; BENENSON, M.Ye., doktor med.nauk; VYSHEGORODTSEVA, V.D., prof.; GESSEN, A.I., dotsent; GUTKIN, A.Ya., prof.; ZHDANOV, D.A., prof., laureat Stalinskoy premii; ZNAMENSKIY, V.F., prof.; KLIANSKIY, Ye.Ye., prof.; MONASTYRSKAYA, B.I., prof.; MOSKVIN, I.A., prof.; MUCHNIK, L.S., kand.med.med.nauk; PETROV-MASLANOV, M.A., prof.; RUBINOV, I.S., prof.; RYSS, S.M., prof.; SMIRNOV, A.V., prof., zasluzhennyy deyatel' nauki; TIKHOMIROV, P.Ye., prof.; TROITSKAYA, A.D., prof.; UDINTSEV, G.N., prof.; UFLYAND, Yu.M., prof.; FEGOROV, V.K., prof.; KHILOV, K.L., prof., zasluzhennyy deyatel' nauki; VADKOVSKAYA, Yu.V., prof.; MARSHAK, M.S., prof.; PETROV, M.A., kand.med.nauk; POSTNIKOVA, V.M., kand.med.nauk; RAPORT, K.A., kand.biolog.nauk; ROZENTUL, M.A., prof.; YANKELEVICH, Ye.I., kand.med.nauk; LYUDKOVSKAYA, N.I., tekhn.red.

[Book on health] Kniga o zdorov'e. Moskva, Gos.isd-vo med.lit-ry, Medgiz, 1959. 446 p. (MIRA 12:12)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Zhanov, Udintsev). 2. Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut (for all, except Vadkovskaya, Marshak, Petrov, Postnikova, Raport, Rozentul, Yankelevich, Lyudkovskaya).
(HYGIENE)

ZHDANOV, D.A.

"The Construction of Lymph Nodes with Reference to the Movement of Lymph and Lymphopoisis."

paper presented at the CIBA Foundation Sympoision on Haemopoiesis, Portland Place, London,
2-4- Feb 1960/

Department of Anatomy, First Medical Institute, Moscow.

ZHDANOV, D.A., prof.

The state of and measures for the development of basic medical
and biological research in the higher medical schools of the
R.S.F.S.R. Biul. Uch. med. sov. 3 no.4:3-13 Jl-Ag '62.

(MIRA 17:8)

1. Chlen-korrespondent AMN SSSR.

ZHDANOV, D.A.; SAPIN, M.R.

Interorgan blood vessels of human hypophysis in the
functional aspect. Arkhiv. anat. gist. i embr. 43 no.10:
3-12 0'62. (MIRA 17:6)

1. Kafedra anatomii cheloveka (zav.-chlen-korrespondent AMN
SSSR prof. D.A. Zhdanov) i Moskovskogo ordena Lenina meditsinskogo
instituta imeni Sechenova. Adres avtorov: Moskova, prospekt K. Marksa,
18, i Moskovskiy ordena Lenina meditsinskiy institut, kafedra normal'-
noy anatomii.

ZHDANOV, V.A.; SHAKHILAMOV, V.A.

Comparative electron microscopic study of the structure of walls of blood and lymph capillaries. Arkh.anat., glat. i emer. 1964. no.10:13-18. 0 '64. (MIRA 18:6)

1. Laboratoriya funktsional'noy anatomi (zav. - chlen-korrespondant AMN SSSR prof. V.A.Zhdanov) Instituta morfologii cheloveka AMN SSSR. Adres avtorov: Moskva, K. Marks'a, 18. Institut morfologii cheloveka AMN SSSR, laboratoriya funktsional'noy anatomi.

ZHDANOV, D.A.

Functional anatomy of capillary blood vessels. Arkh. anat.,
gist. i embr. 47 no.9:3-13 S '64. (MIRA 18:11)

1. Laboratoriya funksional'noy anatomii Instituta morfologii
cheloveka AMN SSSR (zav. laboratoriyyey - chlen-korrespondent
AMN SSSR prof. D.A. Zhdanov). Submitted June 12, 1964.

ZHDANOV, D.A.

Conference on improved teaching methods in anatomy. Arkh. anat.,
gist. i embr. 48 no.5:110-115 My '65. (MIRA 19:1)

1. Submitted December 26, 1964.

ZHDANOV, D.A. (Moskva)

Pathomorphology of the roots of the lymphatic system in the
light of the function of lymph formation. Arkh. pat. 27 no.6:
3-13 '65. (MIRA 19:1)

1. Kafedra anatomii (zav. - chlen-korrespondent AMN SSSR prof.
D.A. Zhdanov) I Moskovskogo ordena Lenina meditsinskogo insti-
tuta imeni I.M. Sechenova. Submitted January 9, 1965.

ZHDANOV, D.A.

Problems and methods of teaching anatomy. Arkh. anat., glist.
i embr. 49 no.11:93-105 N '65. (MIRA 19:1)

1. Kafedra anatomii cheloveka (zav. - chlen-korrespondent AMN
SSSR prof. D.A. Zhdanov) 1-go Moskovskogo ordena Lenina medi-
tsinskogo instituta imeni Sechenova.

ZHDANOV, D.A.; POKROVSKIY, A.A.; NIKITYUK, B.A.; ZILLE, L.N.

Nomograms for determining body weight by body length and chest circumference based on measurements of present adult population of Moscow. Arkh.anat., glist. 1 embr. 49 no.10:33-42 0 '65.

(MIRA 18:12)

1. Kafedra anatomii cheloveka (zav. - chlen-korrespondent AMN SSSR prof. D.A.Zhdanov) 1-go Moskovskogo ordona Lenina medtsinskogo instituta imeni Sechenova i Instituta pitaniya AMN SSSR. Submitted Nov. 3, 1964.

ZHDANOV, D.A. (Moskva, 5-ya Tverskaya-Yamskaya ul. 5, kv. 12)

The organ as an integral structure. Arkh. anat., ginst. i embr.
46 no.1:50-61 Ja '64. (MIRA 18:4)

1. Kafedra anatomii (zav. - chlen-korrespondent AMN SSSR prof. D.A. Zhdanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

ZHDANOV, D.A. (Moskva A-47, 5-ya Tverskaya-Yamskaya ul.d.5, str.2, kv.12)

Functional and morphological fundamentals of skeletal formation.
Ortop., travml i protez. 26 no.1:3-11 Ja '65.

(MIRA 18:5)

1. Iz kafedry anatomii cheloveka (zav. - chlen-korrespondent
AMN SSSR prof. D.A. Zhdanov) I Moskovskogo ordena Lenina medi-
tsinskogo instituta imeni Sechenova.

ZHDANOV, D.A.; NIKITYUK, B.A.

Age changes in body height and weight and in thoracic circumference in the present-day adult population of the city of Moscow.
Arkh. anat., glist. i embr. 46 no.3:28-42 Mr '64.

(MIRA 17:12)

1. Kafedra anatomii cheloveka (zav. - chlen-korrespondent AMN SSSR prof. D.A. Zhdanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. Adres avtcrov: Moskva, Pr. K.Marksa, 18, I Moskovskiy ordena Lenina meditsinskiy institut imeni I.M. Sechenova.
Kafedra anatomii cheloveka.

ZHDANOV, D.A. (Moskva, 5-ya Tverskaya-Yamskaya, 5, kv. 12)

On the 125th anniversary of the birth of Petr Frantsevich Lesgaft,
1837-1909. Arkhiv. anat., gist. i embr. 43 no. 9:104-113 S '62.
(MIRA 17:9)

1. Kafedra anatomi cheloveka (zav. - chlen-korrespondent AMN
SSSR prof. D.A.Zhdanov) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni Sechenova.

ZHDANOV, D.A. (Moskva, A-47, 5-ya Tverskaya-Yamskaya, ul.5, kv.12); FOMICHEVA,
T.D.

Andreas Vesalius and his painted portrait at the Hermitage Museum. Arkh.
anat., glist. i embr. 46 no.2:94-108 F '64. (MIRA 17:12)

1. Kafedra anatomii (zav. - chlen-korrespondent AMN SSSR prof. D.A. Zhdanov) 1-go Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova i otdel zapadno-yevropeyskogo iskusstva Gosudarstvennogo Ermitazha v Leningrad. Adres Fomichevoy: Leningrad, Gosudarstvennyy Ermitazh, Otdel zapadnoevropeyskogo iskusstva.

BAKULEV, A.N., ovt. red.; DAVYDOVSKIY, I.P., red.; YEGOROV, B.G., red.;
ZHIDANOV, D.A., red.; ZHUKOVSKIY, M.A., red.; LETAVET, A.A.,
red.; OREKHOVICH, V.N., red.; PARIN, V.V., red.; SERGIYEV,
P.G., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Abstracts of scientific papers of the Academy of Medical Sciences of the U.S.S.R. for 1956] Annotatsii nauchnykh rabot Akademii meditsinskikh nauk SSSR za 1956 god. Otv. red. A.N. Bakulev. Moskva, Medgiz. Books 2-3. 1959. (MIRA 17:2)

1. Akademiya meditsinskikh nauk SSSR.

ZHDANOV, D.A., prof.

In the Presidium of the Medical Council of the Ministry of Public Health of the R.S.F.S.R. Zdrav.Ros.Feder. 7 no.1 145-48 Ja '63.
(MIRA 1612)
(PUBLIC HEALTH SOCIETIES)

ZHDANOV, D.A. (Moskva, A-47, 5-ya Tverskaya-Yamskaya ul.5, kv.12);
KRYLOVA, N.V. (Moskva, D-284, Begovaya ul., 11, kv.80)

Macro- and microscopic studies of the vascular system in malignant tumors. Arkh.anat., gist i embr. 43 no.7:27-50 Jl '62.

(MIRA 15:9)

1. Kafedra anatomi cheloveka (zav. - chlen-korrespondent AMN SSSR prof. D.A.Zhdanov) Pervog moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sachenova.

(CANCER RESEARCH) (BLOOD VESSELS)

ZHDANOV, D.A.; NIKITYUK, B.A.

"Primateology and anthropogenesis (monkeys, lemurs and the origin of man)" by M.F. Nestruev. Reviewed by D.A. Zhdanov and B.A. Nikitiuk. Arkh. anat. gist. i embr. 41 no.8:118-119 Ag '61.

(MIRA 15:6)

1. Adres avtorov: Moskva, Mekhovaya ul., 11, 1 Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova, kafedra normal'noy anatomi.

(MAN--ORIGIN) (PRIMATES)
(NESTRUHV, M.F.)

ZHDANOV, D.A., red.; ZAZYRIN, N.I., red.; KAS'YANENKO, V.G., red.;
MIKHAYLOV, V.P., red.; SIMELEVNIKOV, R.D. prof., otv.red.; TORSKAYA, I.V.,
red.; SHCHELKUNOV, S.I., red.

[Transactions of the All-Union Congress of Anatomists, Histologists
and Embryologists] Trudy Vsesoyuznogo s"ezda anatomov, gistolologov i
embriologov. Khar'kov, M-vo zdravookhraneniia SSSR. Vol.1. 1961.
943 p. (MIRA 15:10)

1. Vsesoyuznyy s"ezd anatomov, gistolologov i embriologov. 6th, Kiev,
1958. 2. Predsedatel' Organizatsionnogo komiteta s"ezda anatomov,
gistolologov i embriologov, M'skva (for Zhdanov). 3. Predsedatel'
Ukrainskogo nauchnogo obshchestva anatomov, gistolologov i embriologov,
Kiev (for Kas'yanenko)
(ANATOMY--CONGRESSES) (HISTOLOGY--CONGRESSES)

ZHDANOV, D.A. (Moskva)

New data on the functional morphology of the lymphatic system
of the endocrine glands. Probl.endok.i gorm. 7 no.4:52-62
'61. (MIRA 14:8)

1. Iz kafedry anatomi cheloveka (zav. - prof. D.A. Zhdanov)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni
I.M. Sechenova.

(ENDOCRINE GLANDS) (LYMPHATICS)

ZHDANOV, D.A., prof.

Resolution of the Plenum of the Board of the All-Union Scientific Society of Anatomists, Histologists and Embryologists (Irkutsk, June 23-24, 1961). Arkh. anat. hist. i embr. 41 no.10:122-124 0 '61. (MIRA 14:12)

1. Predsedatel' Prezidiuma pravleniya Vsesoyuznogo nauchnogo obshchestva anatomov, histologov i embriologov, chlen-korrespondent AMN SSSR.

(ANATOMICAL SOCIETIES)

ZHDANOV, D.A.; AKMAYEV, I.G.; SAPIN, M.R.

Solution of controversial problems in the functional anatomy of blood circulation in the hypophysis. *Arkh.anat.gist.i embr.* 40 no.4:35-49 Ap '61. (MIRA 14:5)

1. Kafedry anatomii I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.Sechenova i laboratoriya funktsional'noy anatomii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (zavoduyushchiy kafedroy i laboratoriye - chlen-korrespondent AMN SSSR prof. D.A.Zhdanov). Adres avtorov: Moskva, Mokhovaya ul. 11, I Moskovskiy ordena Lenina meditsinskiy institut im. I.M.Sechenova, Kafedra normal'noy anatomii.
(PITUITARY BODY—BLOOD SUPPLY)

ZHDANOV, D.A., prof.

Present state of working out and introducing into practice new methods
for diagnosis, treatment and prevention of diseases in the institutes
of the Ministry of Public Health of the R.S.F.S.R. Biul.Uch. med.
sov. 2 no.4:3-9 Jl-Ag '61. (MIRA 14:10)
(MEDICAL RESEARCH)

ZHDANOV, D.L. (Moskva)

Research by Hungarian morphologists; from impressions of a visit
to the Hungarian People's Republic. Arkh.anat.gist.1 febr. 38
no.4:117-125 Ap '60. (MIRA 14:5)

(HUNGARY—ANATOMICAL RESEARCH)

ZHDANOV, D.A. (Moskva, D-47, 5-ya Tverskaya-Yamskaya, 5, stroyeniye 2, kv.12)

Senile changes in the lymphatic capillaries and vessels. Arkh. anat.
gist. embr. 39 no. 10:2-36 0 '60. (MIRA 14:2)

1. Kafedra anatomi cheloveka (zav. - chlen-korrespondent AMN
SSSR prof. D.A. Zhdanov) I-go Moskovskogo ordena Lenina meditsinskogo
Instituta imeni I.M. Sechenova.
(LYMPHATICS) (AGING)

ZHDANOV, D.A., prof.

Leningrad Medical Institute of Sanitation and Hygiene. Trudy ISGMI
36:5-15 '56. (MIRA 14:1)

1. Chlen-korrespondent AMN SSSR.
(LENINGRAD PUBLIC HEALTH-STUDY AND TEACHING)

ZHDANOV, D.A., prof.

Lymphatic system. Zdorov'e 6 no.8:9-10 Ag '60.

(MIRA 13:8)

1. Chlen-korrespondent AMN SSSR.

(LYMPHATICS)

ZHDANOV, Dmitriy Arkad'evich, doktor med. nauk, prof., red.;
ZAZYBIN, Nikolay Ivanovich, zasl. deyatel' nauki, doktor
med. nauk, prof., red.; KAS'YANENKO, Vladimir Grigor'yevich,
doktor nauk, prof., akademik, red.; MIKHAYLOV, Vladimir
Pavlovich, doktor biol. nauk, prof., red.; SINEL'NIKOV,
Rafail Davidovich, doktor med.nauk, prof., red.; TORSKAYA,
Iya Vladimirovna, kand. biol. nauk, st. nauchn. sotr., red.;
SHCHELKUNOV, Serafim Ivanovich, doktor nauk, prof., red.

[Transactions of the Sixth All-Union Congress of Anatomists,
Histologists and Embryologists] Trudy Vsesoyuznogo s"ezda
anatomov, gistolologov i embriologov. Khar'kov, M-vo zdravо-
okhranenia SSSR. Vol.2. 1961. 791 p. (MIRA 16:12)

1. Vsesoyuznyy s"yezd anatomov, gistolologov i embriologov.
6th, Kiev, 1958. 2. Chlen-korrespondent AMN SSSR (for Shchelkunov,
Zhdanov, Zazybin). 3. Akademiya nauk Ukr.SSR i Institut zo-
ologii AN UkrSSR (for Kas'yanenko).

(Continued on next card)

ZHDANOV, Dmitriy Arkad'yevich --- (continued). Card 2.

4. Institut eksperimental'noy meditsiny AMN SSSR (for
Mikhaylov). 5. Kafedra normativnoy anatomii Khar'kovskogo
meditsinskogo instituta (for Sinel'nikov). 6. Institut
fiziologii im. A.A.Bogomol'tsa AN Ukr.SSR (for Torskaya).
(ANATOMY--CONGRESSES)
(HISTOLOGY--CONGRESSES)
(EMBRYOLOGY--CONGRESSES)

ZHDANOV, P.P.

Calculating spark suppressor circuits. Elektrosvias' 11 no. 6:47-
51 Je '57. (Telephone) (MIRA 10:6)

ZHDANOV, F. F.

ELECTRONIC APPLICATIONS

"Design of Spark-Quenching Circuits," by F. F. Zhdanov, Elektrosvyazi,
No 6, June 1957, pp 47-51.

Equations are derived for a variety of spark-quenching circuits to operate under various conditions. The results are tabulated, and the limits of the validity of all these equations are indicated in the table.

Card 1/1

- 24 -

AUTHOR:

Zhdanov, G.

-107-58-7-31/43

TITLE:

The "Zenit" Television Set with the 35LK2B Kinescope
(Televizor "Zenit" na kineskope 35LK2B)

PERIODICAL:

Radio, 1958, Nr 7, p 47 (USSR)

ABSTRACT:

The author discusses the changes that must be made in the wiring and situation of the various components to convert the "Zenit" television set for use with a 35LK2B kinescope. There is 1 diagram and 1 circuit diagram.

1. Television receivers--Modification 2. Television tubes--Applications

Card 1/1

LEVANDOVSKIY, B.; MASLOVSKIY, V.; FELINZAT, B.; LISITSYN, Yu.; KAREYEV, M.;
BOBROV, N.; ZHDANOV, G.

Rebuilding television sets for new picture tubes. Radio no.7:
38-47 J1 '58. (MIRA 11:9)
(Television--Receivers and reception)
(Television--Picture tubes)

ZHDANOV, G.

"Chemotherapy of cancer, considered as a virus disease. Part 1:
The aldehydes." [in French]. J.Solomides. Reviewed by G.Zhdanov.
Sovr.probl.onk. 6 no.8:98-100 '54. (MLRA 7:11)
(Cancer) (Aldehydes--Therapeutic use) (Solomides, J.)

ZHDANOV, G.A.

On the convergence of a modification of Galerkin's method.
Dokl. AN SSSR 115 no. 2:223-225 J1 '57. (MIRA 10:12)

1. Predstavleno akademikom M.V. Keldyshem.
(Eigenvalues) (Spaces, Generalized)

AUTHOR: Zhdanov, G.A. 20-2-6/62

TITLE: On the Convergence of a Modification of Galerkin's Method.
(O skhodimosti odnogo videoizmeneniya metoda Galerkina,)

PERIODICAL: Doklady Akad. Nauk SSSR, 1957, Vol 115, Nr 2, pp. 223-225 (USSR)

ABSTRACT: N.N.Pol'skiy, Ukr. matem. zhurn., 1955, Vol. 7, Nr 1 investigated the convergence of the generalized method by Galerkin for a linear equation of the type $Au + B(\lambda)u = f$ and a certain Hilbert (Gilbert) space, where A is assumed as positively defined self-adjointed operator. The present report shows that the existence of a certain modification of Galerkin's method also applies in the case of less strong limitations imposed to the operator A . In the interval $0 < x < 1$ the author investigates the equation $L[y] = y^{(n)} + \sum_{j=0}^{n-1} p_j(x, \lambda) y^{(j)} = f(x)$ under the boundary conditions: $U_i[y] = \sum_{k=0}^{n-1} [a_{ik} y^{(k)}(0) + b_{ik} y^{(k)}(1)] = 0$ ($i = 1, 2, \dots, n$)

In this connection n is any natural number. The approximate solution of this problem is put down in the form $y_N = \sum_{k=1}^N \gamma_k^{(N)} \varphi_k$, where the constants $\gamma_k^{(N)}$ are determined from the system $(U_i[y_N] - f, \varphi_i) = 0$

Card 1/2 Then the following theorems apply:

On the Convergence of a Modification of Galerkin's Method.

2d-2-6/62

Theorem 1: The functions y_N and their derivatives of a smaller order than n converge uniformly to the solution and to the corresponding derivatives of the solution of the problem (L) and the sequence $\{y_N^{(n)}\}$ converges in the mean to the n -th derivative of the solution. The eigenvalues of the problem (L) are boundary values of the eigenvalues of the system $(L[y_N] - f, \psi_i) = 0$ ($i = 1, 2, \dots, N$)

Theorem 2: As functions ψ_k polynomials can be chosen everywhere. Then the following problems are examined: In the domain Q of an n -dimensional space the elliptic equation $L[u] = \sum_{i,k=1}^n a_{ik} \frac{\partial^2 u}{\partial x_i \partial x_k} + \sum_{i=1}^n b_i \frac{\partial u}{\partial x_i} + cu = f$

with the coefficients b_i and c depending linearly on a parameter, may be investigated. Moreover there is the boundary condition $u = 0$ on the limit of the domain Q . Further may be examined in Hilbert's (Gilbert's) space H an equation of the type $Lu = Au + B(\lambda)u = f$, where A and $B(\lambda)$ are linear operators in H . There are 2 references and 2 of which are Slavic.

PRESENTED: February 7, 1957 by Keldysh, M.V., Academician

SUBMITTED: November 13, 1957

AVAILABLE: Library of Congress.
Card 2/2

16.4600 16.3400 16.3500

S/044/6²³⁸¹⁰/000/002/006/015
C111/C222AUTHOR: Zhdanov, G.A.TITLE: On an approximation method for the solution of boundary
value problemsPERIODICAL: Referativnyy zhurnal, Matematika, no.2, 1961, 51,
abstract 2B 267 ("Uch. zap. Permsk.un-ta", 1958, 16, no.3, 75-100)TEXT: The author proves the convergence of the direct momentum
method for the equation $Au+B(\lambda)u = f$, where A and B are linear operators
in the Hilbert space H, and the norm of B depends analytically on λ . It
is assumed that the operator BA^{-1} is completely continuous. Cases of
boundary value problems for ordinary differential equations and for
elliptic partial differential equations are considered in detail. The
(R. Zh. Mat, 1958, 8926) and A.Ye.Martynyuk (R. Zh. Mat, 1958, 8925).
[Abstracter's note: Complete translation.]

Card 1/1

S/044/62/000/012/006/049
A060/A000

AUTHOR: Zhdanov, G.A.

TITLE: On the equivalence of boundary problems for ordinary differential equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 12, 1962, 38, abstract 12B171
(Uch. Zap. Permsk. un-t, 1960, v. 17, no. 2, 73 - 78)

TEXT: It is demonstrated that in the case of every homogeneous boundary problem for an ordinary linear homogeneous differential equation of an odd order $2n-1$ with homogeneous boundary conditions, it is possible to show a boundary problem for an ordinary linear homogeneous differential equation of an even order $2n$ with homogeneous boundary conditions of the same form being equivalent to it.

R.S. Gusarova

[Abstracter's note: Complete translation]

Card 1/1

ZHDANOV, G. B., doktor fiziko-matematicheskikh nauk

Through space into the microworld. Nauka i zhizn' 29 no.9:54-60
S '62. (MIRA 15:10)

(Cosmic rays)

ZHDANOV, G. A. Cend Phys-Math Sci -- (diss) "On the convergence of a modification of the Galerkin method." Perm', 1957. 9 pp including cover (Perm' State Univ im A. M. Gor'kiy), 100 copies. Bibliography: 16 9 (10 titles) (KL, 14-58, 109)

ZHDANOV, G. D.

USSR/Nuclear Physics - Cosmic Radiation
Nuclear Physics - Equipment

Nov/Dec 46

"The Measurements of the Intensity of the Cosmic Radiation by the Telescope Method," S. Azimov, V. Veksler, N. Dobrotin, G. Zhdanov, A. Lubimov, Lebedev Phys Inst, Acad Sci USSR, 7 pp

"Journal of Physics USSR" Vol X, No 6

Demonstrates two factors, scattering in counter walls and side showers, which influence measurements of soft components; in hard and soft components intensity measurements by different "telescopes." Formulates requirements for correct measurements in use of telescope method. Received, 26 Apr 1946.

PA 54774

Measurements of cosmic-ray intensities by the telescope method.
S. A. Azimov, V. I. Veksler, N. A. Dobrotin, G. B. Zhdanov, and A. L. Iwubimov
Zhur. Eksptl. Teoret. Fiz. 17, 79-86 (1947); J. Phys. (U.S.S.R.) 10, 507
(1946) (in English).--Various authors have obtained widely different results
for cosmic-ray intensities because of failure to correct adequately for scatter-
ing in the walls of the counter, and for showers from the same source. Walls
of counters used in telescopes should be thin (say 0.27 g./cm.²), and made of
a material of low Z. Telescopes should occupy a large solid angle. Any
filters should be placed above the lowest counter, and should not exceed the
counter's solid angle. Corrections for sidewall showers should be made for
both hard and soft components.

Cyrus Feldman

AZIMOV, S.A.; VERSLER, V.I.; ZHDANOV, G.R.; LYUBIMOV, A.L.

Measurements of cosmic rays intensity at 3860 and 5000 m above sea level.
Zhur.eksp. i teor.fiz. 17 no.1:87-91 '47. (MIRA 6:?)

1. Fizicheskiy institut im.P.N.Lebedeva Akademii Nauk SSSR.

(Cosmic rays)

ZHDANOV, G. B.

USSR/1946
Cosmic Radiation

Feb 1947

Radiation, Corpuscular

"Increase of the Cosmic-ray Shower with Height,"
G. B. Zhdanov, A. I. Lyubimov, 4 pp.

"Doc. At. Nauk SSSR" Vol IV, No 2

Presented by S. I. Tavtov, published 28 Jul 1946.
S. N. Lebedeva of the Physics Institute, Academy
of Sciences of the USSR. In 1945 the Pamir Expedi-
tion of the Physics Institute carried out a count-
on the variation of cosmic ray showers with increas-
ing altitude. Two types of measuring apparatus were
used - one containing a 6-millimeter, the other a 10-
millimeter lead shot. Calculations were made at
900, 3860, and 5,000 meters above sea level.

ISSR/Nuclear Physics - Cosmic Radiation
Nuclear Physics - Mesons

Jan 48

"Slow Mesons at the Altitude 900-4,700 Meters,"
G. B. Zhdanov, A. A. Naumov, Phys. Inst. imen. P. N.
Lebedev, Acad. Sci. USSR, 23 pp

SOE AK Nauk SSSR" Vol IX, No 9 (P-1519-2)

In 1946 authors built apparatus for registering
penetrating mesons. Design is similar to Rossi's.
(Phys Rev 72, 120, 1947). Used in Parma in 1947
to determine role of secondary slow mesons gener-
ated and present at heights of 4-5 km along with
stratospheric "rains" of high-energy mesons from strato-
spheres of "rains"

6/49/92

ISSR/Nuclear Physics - Cosmic Radiation
(Contd)

Jun 48

SPHERE. First experiments show absorption of slow
mesons in atmosphere and in dense substances.
Second group was to determine ionization, if any
accompanying mesons. Results are reproduced and
discussed. Submitted 29 Apr 48.

6/49/92

ZHDANOV, G. B.

155T52

USSR/Nuclear Physics - Mesons
Counters

Dec 49

"Disintegration and Nuclear Interactions of 'Stopped'
Charged Mesons," G. B. Zhdanov, 60 pp

"Uspekhi Fiz Nauk" Vol XXXIX, No 4

Survey of foreign and Soviet works on the meson
discusses: method of delay coincidences with coun-
ters, Wilson cloud chamber, photoplate method, mag-
netic analysis, nuclear capture of "stopped nega-
tive mesons, probable theoretical picture on nature
and properties of mu- and pi-mesons, and decay and
nuclear capture of mu-mesons.

155T52

SHEARCY, J. B.

PA 39/49796

USSR/Nuclear Physics - Mesons. Mar 49

Nuclear Physics - Spectra. Disintegration of

"Electron Spectrum in Meson Disintegration," G. B. Zhavor, A. A. Kheyrov, Phys Inst Izmeni P. N. Lebedev, Acad Sci USSR, 3 pp

"Dok Ak Nauk SSSR" Vol LIV, No 3

Used method of delay coincidences to establish the form of electron spectra. Studied dependence of these spectra on observation height, on substance in which disintegration occurs, and on studied energy interval of the mesons. Attempts to establish the nature of charged disintegration products.

39/49796

USSR/Nuclear Physics (Contd)

Mar 49

Submitted by Acad D. V. Shobol'tsyn, 27 Jan 49.

39/49796

ZHDEN, G. B.

PA 38/49T99

USSR/Nuclear Physics - Mesotrons
Nuclear Physics - Particles,
Elementary

APR 49

"Study of Slow Mesons by the Method of Delay
Coincidence," G. B. Zhdanov, A. A. Naumov,
Inst. Instrument. P. N. Lebedev, Acad. Sci. USSR, 10 pp

"Zhur. Esper. i Teoret. Fiz." Vol. III, No. 4

Describes one of the variations of radio circuit

which is able to register delay coincidences,
and details methods used to calibrate and control
the device. Gives results obtained using this

method: complete number of slow mesons at altitudes

USSR/Nuclear Physics - Mesotrons
(Contd) APR 49

Up to 5 km, number of mesons generated at height
of about 4 km, and general characteristics of the
spectrum for the energy range 0-160 MeV. Submitted
11 Jun 48.

38/49T99

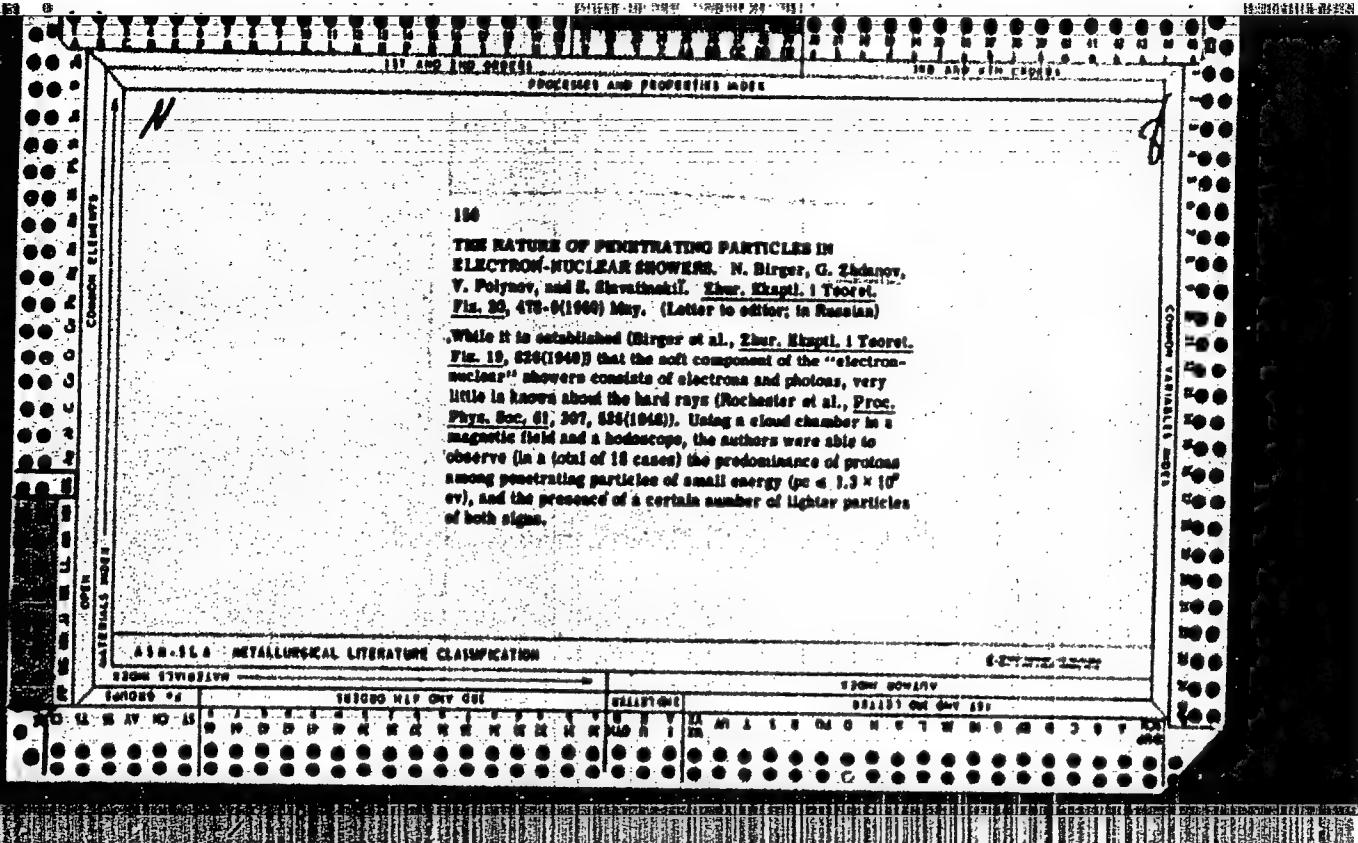
1. ZHDANOV, G. B.
2. USSR (600)
4. Physics and Mathematics.
7. Atomic Physics. By E. V. Shpol'skiy. (Sec. Ed. Vol. 1, 1949, Vol. 2, 1950, Moscow-Leningrad, State Technical Press.). Reviewed by G. B. Zhdanov. Sov. Kniga, No. 9, 1950.
9. ~~████████~~ Report U-3081, 16 Jan. 1953. Unclassified.

ZHDANOV, G. B.

Cosmic rays. Izd. 2., perer. i dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1950. 138 p. (50-37326).

QC485.25 1950

1. ZHDANOV, G. B.
2. USSR (600)
4. Physics and Mathematics
7. Principles of Theory of Atomic Nuclei, Ya. I. Frenkel'.
(Moscow-Leningrad, Acad Sci USSR Press, 1950).
Reviewed by G. B. Zhdanov, Sov. Kniga, No. 4, 1951.
9. ~~Report~~ Report U-3081, 16 Jan. 1953, Unclassified.



ZHDANOV, G.

USSR/Nuclear Physics - Mesons

Aug 50

"Origin of Secondary Slow Mesons in the Atmosphere," A. Abdullayev, G. Zhdanov, Yu. Kamenetskiy, A. Naumov, A. Khaydarov, Phys Inst imeni Lebedev, Acad Sci USSR

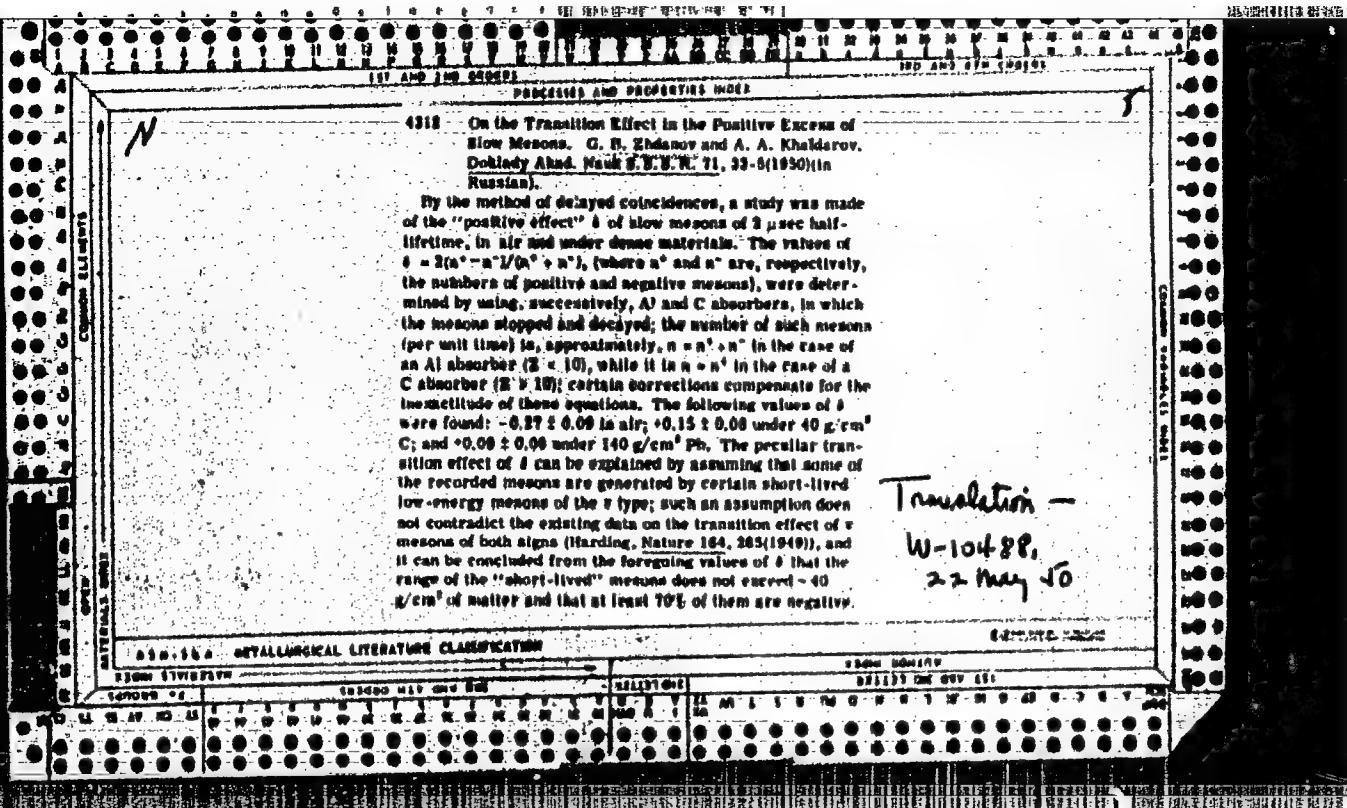
"Zhur Eksper i Teoret Fiz" Vol XX, No 8, pp 673-683

Authors reveal and discuss experimental data obtained by them on properties of slow mesons with lifetime of 2 microsec. Of several possible assumptions on mechanism governing generation of such mesons in the atmosphere, most probable is decay process of other mesons possessing greater mass and smaller lifetimes. Submitted 9 Feb 50.

PA 165T52

ZHDANOV, G. B.

"Nuclear Processes in Cosmic Rays" Uspekhi Fiz. Nauk 40, p. 143 (1950)
(A Review of Russian and International Law)



*S.B.
Section 2.*

317.391.13

6604. Investigation of the nuclear component of the
electronic and nuclear showers by the method of the
"delayed coincidence." A. ABDURAY, G. ZHANOV,
L. KOROLEV AND A. KHALBAROV. Letter in *Zh. Eksp.
Teor. Fiz.* 21, 1079-80 (No. 9, 1951) *In Russian.*

The authors describe in general terms the improvements in the method of delayed coincidences which they introduced in their apparatus for the investigation of the showers, produced by cosmic rays. Their aim was to separate more accurately and reliably the records of the particles appearing as a result of the nuclear disintegrations and ionizations caused by the incoming particles from the direct records of the latter.

N. S. JAPOLAEV

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9"

PHASE X TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 760 - X

BOOK Call No.: QC485.25

Author: ZHDANOV, G. B.

Full Title: COSMIC RAYS (Third issue, revised and completed)

Transliterated Title: Luchi iz mirovykh glubin

PUBLISHING DATA

Originating Agency: None

Originating Agency: None
Publishing House: State Publishing House of Technical and Theoretical Literature

Date: 1952 No. pp.: 123 No. of copies: 50,000

Editorial Staff: None

PURPOSE AND EVALUATION: This book is intended for popular reading, and especially for high school seniors. Its value lies in the fact that it expounds, although in a very popular manner, the basic theories on cosmic rays, mentioning the names of Soviet and foreign scientists working in this field. The achievements of Soviet scientists are stressed.

TEXT DATA

Coverage: The book is divided into 7 chapters. The introduction gives a short review of the theory of "mass-energy". The book itself deals with cosmic rays, their discovery, the various theories and hypotheses and describes briefly the equipment used in their detection. Only Soviet scientists' research is given

1/4

Luchi iz mirovykh glubin

AID 760 - X

in the Table of Contents.

Annotated Table of Contents

Introduction

Ch. 1 A Failure Which Started a Discovery

The title of this chapter refers to experiments of Victor Hess and Kolhorster. The early research of Soviet scientists Mysovskiy and Tuvim in 1925 is mentioned. Research conducted by Professor Verigo in a submarine and on Mt. Elbrus Glacier as well as the stratosat SSSR-1's 19 km upward flight in 1933 with Soviet scientists Prokof'yev, Birnbaum and Godunov are reported.

Ch. 2 The Way to See an Invisible Ray

14-31

The research of Academician D.V. Skobel'tsyn in 1927 with a Wilson's chamber. A.P. Zhdanov's research on protons in 1934 is mentioned.

Ch. 3 Rays or Particles?

32-38

Research on cosmic rays in upper atmospheric layers by Professor S. N. Vernov in 1934 and his expedition to the equator in 1937.

2/4

Luchi iz mirovykh glubin

AID 760 - X

	Pages
Ch. 4 Research by O. N. Vavilov on the Path of Charged Particles Through Lead and Through the Atmosphere.	39-62
Research by Frank and Groshev on positrons.	
Photo of a shower in a Wilson's cloud chamber with horizontal lead plates. The theory of "casades" developed by Belen'kiy. Research on the amount and energy of the particles in a cloud conducted by Skobel'tsyn, Migdal and Pomeranchuk. Experiments on the geomagnetic effect (effect of azimuth asymmetry of cosmic rays) by Vernov in 1949.	
Ch. 5 Heavy Electron or Heavy Photon?	63-85
Research on neutrons by D. D. Ivanenko.	
Ch. 6 Rays Shattering the Nucleus	86-110
Research on neutrons with photographic emulsion 9,000 m above sea level by A.P.Zhdanov.	
Work of Zhdanov and Vambakher on experiments in using the "hodoscope" in the Pamir Mts in 1945.	
Research on electron showers by Skobel'tsyn and Dobrotin. Research on cosmic rays' composition	

3/4

Luchi iz mirovykh glubin

AID 760 - X

and properties, on electron showers and on
primaries by Vernov, Skobel'tsyn Dobrotin and
Zatsepin.

Ch. 7 Can We Speak of a Practical Use (Utilization) of
Cosmic Rays?

Pages

111-121

Research on acceleration of charged particles
made by Professor Veksler in 1944, and the
development of the "phasotron" and the
"synchrotron". Terletskiy's research on the
Fermi theory in 1951.

No. of References: None

Facilities: For names of Russian scientists, see table of
contents.

4/4

"APPROVED FOR RELEASE: 07/19/2001

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APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9"

ZHDANOV, G.B.

New elementary particles in the make-up of cosmic rays. Izv. AN SSSR. Ser. fiz. 17 no.1:95-101 Ja-Y '53. (MLRA 6:7)

1. Fizicheskiy institut imeni P.N. Lebedeva Akademii nauk SSSR. (Cosmic rays)

ZHDANOV, G.B.; KADAR, Ya.M., redakter; DOBROTKIN, N.A., konsul'tant, doktor
fiziko-matematicheskikh nauk, professor; SRIBNIS, N.V., tekhnicheskiy
redakter.

[Cosmic rays] Kosmicheskie luchi. Moskva, Vses.izd-vo Ministerstva
oborony SSSR, 1954. 34 p. (MLR 8:5)
(Cosmic rays)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9"

Zhdanov, G. B.

USCR/Physics

Card 1/1 Pub. 118 - 3/2

Authors : Zhdanov, G. B.

Title : Generation of π -mesons of cosmic radiation by nuclei of medium energies

Periodical : Usp. fiz. nauk 54/3, 435-468, Nov 1954

Abstract : An analysis of the process of formation of π -mesons by nuclei of cosmic radiation of the 10^5 - 10^{10} ev energy range is presented. The Neson camera, and the photo-emulsion methods were mainly used for obtaining the experimental data. Distribution of generated mesons is discussed. The parameters of the nuclei of the different elements are given. The results of the experiments are given in the form of tables and diagrams. The results of various methods are described and discussed. (Phys. Rev. 94, No. 3, p. 435-468, 1954). Tables; diagrams.

Institution : ...

Submitted : ...

ZHDANOV, Georgiy Borisovich, kandidat fiziko-matematicheskikh nauk; KIPNIS,
S.Ye., redaktor; DMITRIYeva, E.V., tekhnicheskiy redaktor

[Cosmic rays in the service of modern science] Kosmicheskie luchi
na sluzhbe sovremennoi nauki. Moskva, Izd-vo "Znanie," 1955. 30 p.
(Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i
nauchnykh znanii, Ser. 3, no.12). (MIRA 8:7)
(Cosmic rays)

GOLUBEV, Aleksandr Ignat'yevich; ZHDANOV, G.B., redaktor; LARIONOV,
G. Ye., tekhnicheskiy redaktor.

[High-speed automatic switches] Bystrodeistvuiushchie avtomati-
cheskie vykliuchateli. Moskva, Gos.energ.izd-vo, 1955. 191 p.
(Electric switchgear) (MLRA 8:9)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9

GOL'DANSKIY, V.I.; ZHDANOV, G.B.; NESTEROVA, N.M.; CHUDAKOV, A.Ye.

Cerenkov radiation in extensive air showers. Izv.AN SSSR.Ser.fiz.19
no.6:747-748 N.D. '55. (MLRA 9:4)

I.Fizicheskiy institut imeni P.N.Lebedeva Akademii nauk SSSR.
(Cosmic rays) (Nuclear physics)

Name: ZHDANOV, Georgiy Borisovich

Dissertation: Studies on the Elementary Act of Generation of Slow Mesons in Cosmic Radiation

Degree: Doc Phys-Math

Affiliation: Not indicated

Defense Date, Place: 20 Jun 55, Council of Physics Inst
imeni Lebedev, Acad Sci USSR

Certification Date: 27 Oct 56

Source: BMVO 6/57

ZHDANOV, G.B., redaktor; FRADKIN, M.I., redaktor; MAKHIMSON, I.G., redaktor;
SHAPOVALOV, V.I., tekhnicheskiy redaktor.

[Primary cosmic radiation (composition, variation in intensity, and problems of its origin) a collection of articles. Translated from the English and German] Pervichnoe kosmicheskoe izluchenie; sostav, variatsii intensivnosti i problemy proiskoshdeniya. Sbornik statei. Perevody s angliiskogo i nemetskogo. Pod red. G.B.Zhdanova i M.I. Fradkina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 304 p. (MLRA 9:6)
(Cosmic rays)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064620002-9"

ZHDANOV, G. B.

C-7

Category : USSR/Nuclear Physics - Cosmic rays

Abs. Jour : Ref Zhur - Fizika, No 1, 1957 No 646

Author : Zhdanov, G.B.

Inst : Phys. Inst., Acad of Sciences USSR

Title : Method of Delayed Coincidences Plus Hodoscope and its Application to the Study of the Processes of Generation of Slow Mesons in Cosmic Rays. I. Experimental Procedure.

Orig Pub : Zh. eksperim. i. teor. fiziki, 1956, 30, No 3, 437-449

Abstract : Description of the operating principles of the fundamental units of a hodoscope employing delayed coincidences using cells containing filament-less MTKh-90 thyratrons, making it possible to investigate the generation of slow π^+ mesons in dense media with subsequent $\pi^- \mu^- e^-$ decay within the confines of the apparatus. The hodoscope is constructed in two versions, so that the problem can be stated in two ways: By choosing nuclear interactions of a definite class (in particular, electron-nuclear, showers), it is possible to investigate the frequency, the energy, or the angular distribution of the slow π mesons forming in these interactions. In the second version it is possible to investigate the frequency of formation of mesons

Card : 1/2

Category : USSR/Nuclear Physics - Cosmic rays

C-7

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 646

in the installation itself and the properties of the nuclear interactions accompanied by such generation. The method permits determination of the particle-energy region of the particles that make the basic contribution to the generation of slow mesons, the intensity at which various nuclei are generated in this energy range, and the energy spectrum of the slow mesons at the point where they are produced. A detailed analysis is given of the apparatus effects and of the corrections needed for the determination of these quantities. The experimental results will be published in the second part of the article.

Card : 2/2

ZHDANOV, G.B.

Category : USSR/Nuclear Physics - Elementary Particles

C-3

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 421

Author : Birger, N.G., Guseva, V.V., Zhdanov, G.B., Slavatinskiy, S.A.,
Stashkov, G.M.

Inst :: Phys. Inst., USSR Acad. of Sciences

Title : Certain Cases of Generation of Heavy Particles by Nuclei of Be Atoms.

Orig Pub : Zh. eksperim. i teor. fiziki, 1956, 30, No 3, 590-591

Abstract : A Wilson chamber placed in a magnetic field and located at an altitude of 3860 meters above sea level recorded three showers, generated in Be, in which the formation and decay in flight of ξ^+ , Λ^0 , and $\bar{\Theta}^0$ heavy particles. The angles φ between the plane of generation of the unstable particle and the plane of its decay are $57 \pm 10^\circ$, $74 \pm 10^\circ$, and $15 \pm 5^\circ$ respectively. These results can be compared with the fact that in the case of pair generation of hyperons and K-particles by π^+ -mesons and H, the angle φ is in every case less than or equal to 40° . The difference in the results obtained is apparently due to the presence of secondary processes occurring inside the Be nucleus (scattering of hyperons or creation of hyperons by secondary particles of the shower).

Card : 1/1